

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) An Internet phone interface card having a sound function, comprising:

a telephone signal detector detecting a state change signal transmitted from a general telephone in order to perform telephonic communication with a telephone connected to a LAN (Local Area Network) or the Internet;

a signal processing unit receiving a telephonic signal from the telephone connected to the LAN or Internet and transmitting a telephonic signal having a sound level adjustable to listening of a user to the general telephone;

a ring signal generator detecting a telephonic signal transmitted from the LAN or Internet, generating a ring signal and transmitting it to the general telephone; and

a microprocessor controlling the each circuit unit.

2. (Original) The Internet phone interface card of claim 1, wherein the state change signal is a signal corresponded to a DTMF signal generation state varied according to a hook on/off state of the general telephone or a dial press.

3. (Original) The Internet phone interface card of claim 1, wherein the signal processing unit includes:

an audio codec processing an audio signal transmitted/received to/from the telephone connected to the LAN or Internet according to the control of the microprocessor; and

an input/output interface unit connecting the audio codec to an input/output means of a user.

4. (Original) The Internet phone interface card of claim 3, wherein the audio codec automatically sets an optimum sound level in telephonic communication with an Internet phone or in performing of a general sound function by memorizing an audio level

5. (Currently Amended) The Internet phone interface card of claim 3, wherein the input/output means of the user includes a speaker, a microphone, an audio input [[set]] and a joy stick.

6. (Original) The Internet phone interface card of claim 1, further comprising: a ring signal detector detecting a ring signal received from a telephone connected to a PSTN (Public Switched Telephone Network) and transmitting the received ring signal to the microprocessor.

7. (Original) The Internet phone interface card of claim 6, further comprising:
a first switch switching off the connection between two telephones and switching on again according to the control of the microprocessor when the ring signal detector detects a call signal transmitted from the PSTN and transmits the detected call signal to the microprocessor in telephonic communication between a general telephone and a telephone connected to the LAN or Internet; and

a third switch switching on the connection between the two telephones and switching off again.

8. (Original) The Internet phone interface card of claim 6, further comprising:

a second switch transmitting or suspending transmission of the ring signal from the ring signal generator to the general telephone according to the control of the microprocessor when the microprocessor detects a signal received from the telephone connected to the LAN or Internet and outputs the detected signal to the ring signal generator and the ring signal generator generates a ring signal in telephonic communication between the general telephone and the telephone connected to the PSTN.

9. (Original) The Internet phone interface card of claim 6, wherein the microprocessor further includes:

a frequency generator transmitting a holding tone to the present communicating telephone in order to connect the general telephone to another telephone transmitting a call signal.